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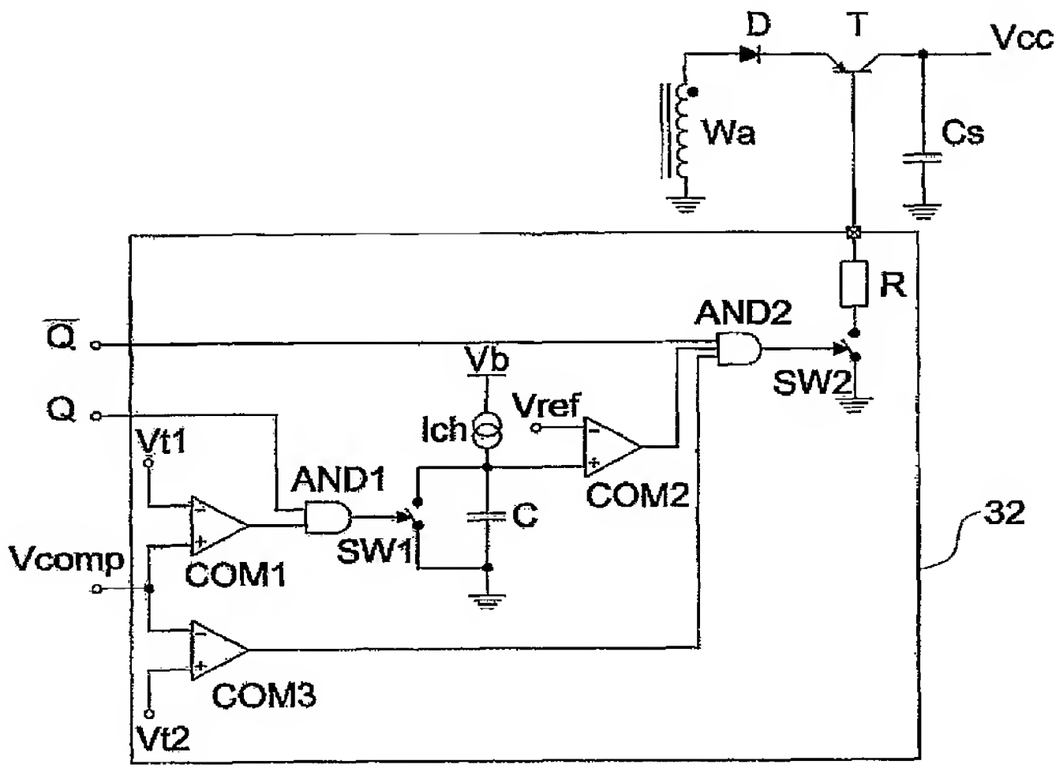
Declarations under Rule 4.17:

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designation US*

[Continued on next page]

(54) Title: CIRCUIT FOR REDUCING THE VARIATIONS OF AUTO-SUPPLY VOLTAGE OF A CONTROL CIRCUIT OF A SWITCHING POWER SUPPLY



(57) Abstract: The present invention refers to switching power supplies and in particular to a circuit for reducing the variations of auto-supply voltage of a control circuit of a switching power supply. In an embodiment thereof the circuit for reducing the variations of the auto-supply voltage (Vcc) of a control circuit (12) of a switching power supply where said control circuit (12) supplies an activation or deactivation signal of a power transistor comprises: a generator (Wa) of said auto-supply voltage (Vcc); characterized in that it comprises a controlled switch (T) capable of selectively connecting said generator (Wa) to said control circuit (12); and a driving circuit (SW2) of said controlled switch (T) that supplies a closing signal of said controlled switch (T) after a predefined delay of time (Td) starting from said deactivation command.

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